**Oxford 2019 NEONATAL CRANIAL ULTRASOUND COURSE**

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**Thursday 28th and 29th November 2019**

**Venue George Pickering Education Centre, John Radcliffe Hospital, Oxford**

This two-day course is aimed at pediatric trainees, pediatric consultants, clinical fellows and specialist associates. It will provide the essential skills to perform and interpret neonatal cranial ultrasound on the neonatal unit.The course will cover:

* The use of the ultrasound machine, normal cerebral anatomy, standard and supplemental views
* Normal and abnormal brain development
* Preterm brain lesions
* Hypoxic-ischemic encephalopathy, perinatal stroke
* Central nervous system infections
* Diagnosis – Prognosis: How to tell the parents?

RCPCH approval has been applied for this activity

**Testimonials on Previous Editions**

*Excellent course with good speakers, who were incredibly knowledgeable*

*Essentially the most clinically useful and relevant course I have attended, which was very reasonably priced. Thank you so much*

**Course Organisers**

Dr Fran O’Brien, Dr Neelam Gupta, Dr Ana Alarcon,

**Faculty**

Dr Fran O’Brien (FOB), Consultant Neonatologist, Oxford University Hospitals (OUH)

Dr Neelam Gupta (NG), Consultant Neonatologist, Evelina London Children Hospital, Guys and St Thomas Hospital, London

Dr Ana Alarcon (AA), Consultant Neonatologist, Sant Joan de Deu Hospital, University of Barcelona

Dr Nuria Carreras (NC), Neonatal Fellow, Sant Joan de Deu Hospital, University of Barcelona

Dr David Evans (DE), Consultant Neonatologist, North Bristol NHS Trust

Prof Axel Heep (AH), Senior Clinical Lecturer, University of Bristol

Dr Cornelia Hagmann (CH), Consultant Neonatologist, University Hospital of Zurich

Prof Alfredo Garda-Alix (AGA), Consultant Neonatologist, Sant Joan de Deu Hospital, University of Barcelona

Dr Miriam Martinez-Biarge (MMB), Honorary Consultant Neonatologist, Imperial College London

**Day 1**

08:30-09:00 Registration

09:00-09:15 Welcome and aims of the day (FOB)

09:15- 09:45 Role of cranial ultrasound in neonates (FOB)

09:45 -10:45 Practical lecture: Ultrasound machine (NG)

10:45-11:00 Coffee

11:00- 12:30 Practical lecture: Basic anatomy and ultrasound views (AA)

12:30- 13:00 Normal brain development (NC)

13:00-13:45 Lunch

13:45- 14:15 Case studies: warming up (NG)

14:15-15:00 Intraventricular haemorrhage and periventricular haemorrhagic infarction in the preterm infant (DE)

15:00-15:15 Coffee

15:15-15:45 Diagnosis and management of post haemorrhagic ventricular dilatation (AH)

15:45-16:30 White matter injury in the preterm infant (CH)

16:30-17:00 Case studies: bringing it together (NG)

**Day 2**

08:30-08:35 Welcome back and aims of the day (FOB)

08:35-09:15 Extended cranial ultrasound views and Doppler (CH)

09:15-10:00 Neonatal brain MRI: the basics (MMB)

10:00-10:45 The cerebellum (NG)

10:45-11:00 Coffee

11:00-11:45 Abnormal brain development (AGA)

11:45-12:45 Hypoxic-ischemic encephalopathy and perinatal stroke (MMB)

12:45-13:30 Lunch

13:30-14:15 Central nervous system infections (AA)

14:15-15:00 Case studies: consolidating knowledge (NG & CH)

15:00- 15:30 Cranial ultrasound protocol and how to report on cranial

ultrasound findings (DE)

15:30-15:45 Coffee

15:45-17:00 Workshop: Communicating with parents about cerebral ultrasound findings (DE/FOB)

17:00-17:15 Certificates and feedback

**Registration**: Bookings taken through email and payment to be made after confirmation of place. Places would be allocated on a first come, first served basis. Registrations will be confirmed in writing through email.

**Registration fees**: Two-day course………………………….….. £210 🞎

Registration fees include all course materials, lunch and refreshments during the course. Accommodation is not included, but a list of local hotels is available.

Places are limited to 50, early booking is advised. Registration closes on 15th November 2019.

To register, please complete the application form overleaf and return with payment to the course administrator:

Ms Sue Hobson

Neonatal Unit, Level 2,

John Radcliffe Hospital, OX3 9DU

Tel: 01865 221356

Email: [Sue.Hobson@ouh.nhs.uk](mailto:Sue.Hobson@ouh.nhs.uk)

Payment can be made by cash or cheque (payable to Oxford University Hospitals NHS Foundation Trust)

**Cancellation**: Cancellations received in writing up to one calendar month before the course will be refunded less an administration fee of £5. Refunds will not be issued after that time unless the place can be refilled when the above conditions will apply.

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**THAMES VALLEY & WESSEX NEONATAL CRANIAL ULTRASOUND COURSE**

Please complete the form in block capitals and return with payment:

Name…………………………………………………………………………………………………………………………………………

Job title……………………………………………………………………………………………………………………………………..

Work location …………………………………………………………………………………………………………………………..

Preferred mailing address …………………………………………………………………………………………………………

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Tel …………………………………………… e-mail address.………………………………………….……………………………